

Application No.: 10/528,742  
Amdt. Dated: June 7, 2007  
Reply to Office Action Dated: February 7, 2007

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**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

**Claim 1 (Currently amended):** A wound treatment device comprising a water-impermeable envelope having at least one aperture, wherein the envelope contains a therapeutic agent substance, and wherein the at least one aperture in the envelope is blocked by a degradable material that breaks down in the presence of one or more components of wound fluid thereby permitting the therapeutic agent substance to contact the wound fluid.

**Claim 2 (Original):** A wound treatment device according to claim 1, wherein the envelope is formed substantially from flexible sheet material.

**Claim 3 (Previously Presented):** A wound treatment device according to claim 1, wherein the total area of the apertures in the envelope is from about 0.01 to about 1 cm<sup>2</sup>.

**Claim 4 (Previously Presented):** A wound treatment device according to claim 1, wherein the envelope has only one said aperture.

**Claim 5 (Previously Presented):** A wound treatment device according to claim 1, wherein the degradable material breaks down preferentially in infected wounds.

**Claim 6 (Previously Presented):** A wound dressing according to claim 1, wherein the degradable material comprises a substrate for an enzyme present in wound fluid.

**Claim 7 (Previously Presented):** A wound treatment device according to claim 6, wherein the degradable material comprises a substance selected from the group consisting of elastin, fibronectin, collagen, crosslinked gelatin, fibrinogen, casein, hyaluronates, plasminogen, fibrin, chitin, chitosan, oxidized cellulose, polylactide/polyglycolide copolymers, and mixtures thereof.

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**Claim 8 (Currently amended):** A wound treatment device according to claim 1, wherein the therapeutic ~~agents~~ agent is selected from the group consisting of antiseptics, antibiotics, analgesics, steroids and growth factors, and mixtures thereof.

**Claim 9 (Currently amended):** A wound treatment device according to claim 8, wherein the therapeutic ~~agents~~ comprise agent comprises an antimicrobial agent selected from colloidal silver, silver sulfadiazine, povidone iodine, chlorhexidine, and mixtures thereof.

**Claim 10 (Previously Presented):** A wound treatment device according to claim 8, wherein the device is adapted to provide sustained release of the therapeutic agent into the wound fluid following the opening of the aperture.

**Claim 11 (Previously Presented):** A wound treatment device according to claim 8, wherein the therapeutic substance is dispersed in or on a solid substrate.

**Claim 12 (Previously Presented):** A wound treatment device according to claim 8, wherein the therapeutic agent is dispersed or encapsulated in a bioerodible substance.

**Claim 13 (Currently amended):** A wound treatment device according to claim 12, wherein the bioerodible substance is selected from the group consisting of proteins, polysaccharides, biodegradable ~~synthetic~~ synthetic polymers, glycosaminoglycans, and mixtures thereof.

**Claim 14 (Previously Presented):** A wound treatment device according to claim 8, which is sterile and packaged in a microorganism-impermeable container.

**Claim 15 (Previously Presented):** A wound dressing comprising a wound treatment device according to claim 1.